



## INFORMATION DISCLOSURE

To Commissioner For Patents: Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and

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Application Number	10/528,949	
Filing Date	03/23/2005	
First Named Inventor	Rudolf J. M. Vullers	
Group Art Unit	2613	
Examiner Name		
Attorney Docket Number	NL 020862	

counterpart foreign application not more than three (3) months ago.	any concise explanation of their relevance is indicated below per 37 CFR 1.97.		Attorne	y Docket Nu	mber	NL 0208	62							
counterpart foreign application not more than three (3) months ago.  2.     I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.    Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.    A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.    A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. relied on for an earlier effective filing date under 35 U.S.C. 120).    A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.    A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).  The concise explanation of the relevance of any document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:    cited in the specification or considered in drafting the specification of this application;   previously submitted or cited in the parent application (or in a related patent application   Filing Date:		X Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.												
in a counterpart foreign application, and, to the knowledge of the Undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.  [] Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.  [] A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.  [] A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No.  [] A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.  [] A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).  The concise explanation of the relevance of any document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:  [] cited in the specification or considered in drafting the specification of this application;  [] previously submitted or cited in the parent application (or in a related patent application;  [] previously submitted or cited in the parent application (or in a related patent application;  [] previously submitted or cited in the parent application (or in a related patent application;  [] previously submitted or cited in the parent application (or in a related patent application;  [] SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED    Name (Print Type)   MCHARLES BELK MILHING	1.	[] I certify counterpa	that these art foreign	docume applicatio	nts wer	e first ci nore tha	ted in a in three	ny con (3) mc	nmunicationths ago.	on fro	m a forei	gn Pat	ent Office in a	а
Allowance, pays the fee under §1.17(p) as intolcated below, and trently 1. of 2. as indicated above.  [] A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.  [] A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. Date	2.	in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three												
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application (or in U.S. patent application Ser. No. Date relied on for an earlier effective filing date under 35 U.S.C. 120).  A copy of the U.S. patent(s) and patent application publications (s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 U.S.C. § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.  A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).  The concise explanation of the relevance of any document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:  Cited in the specification or considered in drafting the specification of this application; previously submitted or cited in the parent application (or in a related patent application Ser. No. Filing Date: );  Cited as an "X", "Y", or "A" document in a foreign Patent Office search report in a foreign counterpart application.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print Type) MICHAELE BELK MILHAELE MARION Registration No. (Attorney/Agent) 33:357-32, 2.6C.  Signature Date 1/1906  CERTIFICATE OF MAILING OR TRANSMISSION  Thereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # 571-273-8300 on the date below:  Name (Print Type) BURNETT JAMES Na Alexandria Collice tel. # 571-273-8300 on the date below:  Name (Print Type) BURNETT JAMES Na Alexandria Collice tel. # 571-273-8300 on the date below:		[] A fee u (3) month	inder §1.17 ns after the	(p) is not date of a	t require applicat	ed unde tion or R	r §1.97 CE, be	(c), afte cause	er the first I certify 1.	Action 2.	on on the as indica	merits ited ab	and more that ove.	an
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print Type)	previously submitted or cited in the parent application (or in a related patent application Ser. No);													
Name (Print Type)	application.													
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Name (Print Type) BURNETT JAMES Natale A. Hanzo	P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # 571-273-8300 on the date below:													
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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 149/1970

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 1

Complete if Known				
Application Number	10/528,949			
Filing Date	03/23/2005			
First Named Inventor	Rudolf J.M. Vullers			
Art Unit	2613			
Examiner Name				
Attorney Docket Number	NI 020862			

			U. S. PATEN	DOCUMENTS		
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (7 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		<sup>US-</sup> 6542455 B1	04/01/2003	Kuwahara, et.al.		
		<sup>US-</sup> 20020018406 A1	02/14/2002	Yamada		
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
		JP2001067711 A	03/16/2001	KUWABARA	'.	
		DE10063734 A1	07/11/2002	INST HOCHTECH	- a	
		DE10063734 C2	07/11/2002	INST HOCHTECH	ř.	
		JP11259896 A	09/24/1999	FUJI ELE CO.	·	

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.